Building Pontoons in a Graving Dock 2 Build Attach flexi floats. The flexi floats help the pontoons detach Open the valve on the Empty all water Float the gate out of the from the graving dock floor and give the pontoons extra gate at low tide. As the from graving dock pontoons way with a tug boat. buoyancy to float out of the shallow graving dock. tide rises, the graving dock fills with water. A "graving dock" is a large dock from which water can be pumped out. It is traditionally used for building ships or for repairing a ship below its waterline. WSDOT and Kiewit-General are constructing the new east-half Hood Canal Bridge pontoons at the Pull the pontoons out Concrete Technology graving dock in Tacoma, of the graving dock with tug boats. Wash. It will take four pontoon construction cycles to build all 14 pontoons in the Townsend • Keystone 150-foot wide by 465-foot long Remove flexi floats and float all graving dock. Here is three pontoons to mooring facility Finish: how the process in the Seattle area, awaiting Hood works: pontoon outfitting and assembly. Canal Bridge Edmonds 8 Repeat process for cycle 2 (5 pontoons), cycle 3 (4 pontoons) Bremerton • and cycle 4 (2 pontoons). All the pontoons will be floated in three larger sections to the bridge site ---- Pontoon Start (106) in May-June 2009. The bridge will be closed to traffic during that time. Hood Canal Bridge East-half pontoons are being built in four cycles Existina Float-out scheduled Float-out scheduled Float-out scheduled for February 2007 for September 2008 pontoons scheduled for retrofitting To Kingston by April 2008 West-half Vashington State New draw span Refurbished draw span Department of Transportation New roadway pontoons transition span